Mountain Weather Forecast

Peak District National Park

Forecast valid from 06:00 on Monday 27 Sep 2021 until 23:59 on Tuesday 28 Sep 2021

Forecast Issued on Monday 27 Sep 2021 at 03:29

Confidence: High for change to unsettled weather. Lower for shower detail and potential for impactful rain on Tuesday and Wednesday.

Headline for Monday 27 Sep 2021: Early morning heavy rain clearing eastwards. Replaced by sunshine and showers.

Mountain weather hazards on Monday 27 Sep 2021

Blizzards
No Likelihood

Heavy Snow
No Likelihood

Storm force winds
Low Likelihood

Gales
High Likelihood

Severe chill effect
Low Likelihood

Poor visibility
High Likelihood

Thunderstorms
Low Likelihood

Heavy persistent rain
High Likelihood

Strong sunlight
Low Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Heavy Rain	Heavy rain showers	Light rain showers	Light rain showers	Clear night	Partly cloudy (night)
Precipitation probability					
80%	50%	30%	40%	20%	10%

Forecast for Monday 27 Sep 2021

Weather: Heavy rain with widespread mist, fog and gales over ridges and summits. The heavy rain will soon clear eastwards during Monday morning, to be replaced by a mixture of sunshine and showers. Showers becoming less frequent during the day with clear spells during the evening.

Chance of cloud free mountain/hill tops above 600m: 10% at first becoming 90% during the morning.

Visibility: Very poor in heavy rain and fog at first. Improving to very good during the morning with distant hills visible. Relatively brief deteriorations in showers.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Monday 27 Sep 2021

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	28/36 W	22/28 W	23/32 W	22/30 W	20/29 SW	21/31 SW	21/31 SW
300	20/28 W	15/20 W	18/27 W	18/26 W	15/24 SW	15/26 SW	17/26 SW
Valley	14/29 W	10/20 W	12/25 W	14/27 W	9/23 SW	9/24 SW	10/24 SW

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	8/4	7/2	8/4	10/6	9/5	8/3	7/2
300	10/7	9/6	11/8	13/9	11/8	10/7	9/6
Valley	11/8	10/8	12/10	13/11	11/10	10/8	10/7
Freezing Level*	2900m	1700m	1600m	1600m	1600m	1500m	1600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A marked change to cooler conditions likely by Monday morning, with significant wind chill over higher ground. Appropriate clothing essential. Water courses may be flooded during the morning.

Recent rainfall: measured at Cat & Fiddle: altitude 511m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
02:00 on Mon 27 Sep 2021	0mm	1.8mm	2.6mm

Forecast for Tuesday 28 Sep 2021

Weather: Clear overnight but cloud increasing quickly after dawn with showers, heavy at times, or longer periods of heavy rain developing. Strong winds over ridges and summits.

Maximum wind: Southwesterly 25-30 gust 40 mph.

Chance of cloud free mountain/hill tops above 600m: 90% overnight, but frequently as low as 20% by day in rain or showers.

Visibility: Excellent overnight but deteriorating significantly in heavy rain and showers. Often below 5 km.

Temperature: **Valleys:** Ps 8 BECMG Ps 14 Celsius
At 600m: Ps 8 Celsius
Freezing level: Well above summits.

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